

General Product Information

Glycolmage® Lectin Microplates

Product description:

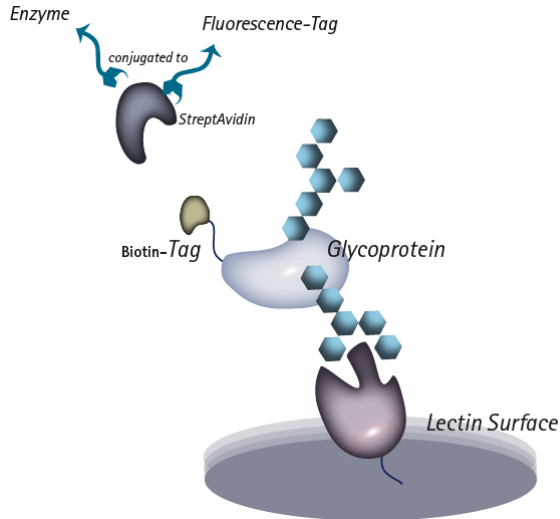
Lectins are coupled to the microplate surface by covalent binding. Due to this coupling method, the plate offers a high stability in a wide pH range. Detergent treatment of the surfaces after lectin binding yields a minimized non-specific binding of proteins. The surfaces are not BSA-blocked.

Product	Quantity	Format	Cat. No.
WGA Plate	2	96well - transparent	191031
	1	384well - transparent	191032
	1	384well - black	191033
ConA Plate	2	96well - transparent	191041
	1	384well - transparent	191042
	1	384well - black	191043
LCH Plate	2	96well - transparent	191051
	1	384well - transparent	191052
	1	384well - black	191053
PNA Plate	2	96well - transparent	191061
	1	384well - transparent	191062
	1	384well - black	191063
AIL Plate	2	96well - transparent	191071
	1	384well - transparent	191072
	1	384well - black	191073
AAL Plate	2	96well - transparent	191091
	1	384well - transparent	191092
	1	384well - black	191093
SNA Plate	2	96well - transparent	191121
	1	384well - transparent	191122
	1	384well - black	191123
MAL Plate	2	96well - transparent	191131
	1	384well - transparent	191132
	1	384well - black	191133
UEA Plate	2	96well - transparent	191141
	1	384well - transparent	191142
	1	384well - black	191143
GNA Plate	2	96well - transparent	191151
	1	384well - transparent	191152
	1	384well - black	191153
ECL Plate	2	96well - transparent	191161
	1	384well - transparent	191162
	1	384well - black	191163

General Product Information

Glycolmage® Lectin Microplates

Preparation and usage of microplate surfaces



1 – Equilibrate the plate with Glycolmage® EQ Buffer for at least half an hour (alternatively use your own assay buffer)

2 – Empty the plate and drop it out onto a tissue.

3 – Add your biotinylated glycoprotein onto the plate. It is recommended to determine control substances parallel to your glycoprotein (e.g. Ovalbumin for mannose-specific lectins or BSA as a blank control, see biotinylated glycoproteins).

4 – Incubate your sample for at least 2 hours at 20°C or over night at 4°C.

5 – Wash the plate 5 times after incubation, empty and drop out the plate after every cycle.

6 – Add your detection molecule and proceed your assay protocol due to your method of detection.

Using streptavidin-alkaline phosphatase on biotinylated samples:

7 – Add the enzyme in a concentration range of 0,1µg/mL to 1µg/mL (depends on the enzyme activity)

8 – Incubate your enzyme for at least 1 hour at ambient temperature.

9 – Wash the plate after incubation 3 to 5 times, empty and drop out the plate after every cycle.

10 – Equilibrate your plate to remove detergents

11 – Add your substrate

12- Immediately after addition of the substrate solution, start your reading

Related Products

Buffer Solutions	sufficient for	Cat. No.
Assay Buffer	1000 mL	141030
Buffer Set (for transparent plates) Assay Buffer Equilibration Buffer Detection Buffer	1000mL 100mL 50mL	141020

* For research, laboratory and in vitro use only; not for drug or diagnostic use, food or food additives, household or other uses.